Index of Claims

| Application/Control No. | Applicant(s)/Patent under Reexamination |  |
|-------------------------|---|--|
| 10/698,709              | COGDILL ET AL.                          |  |
| Examiner                | Art Unit                                |  |

| <b>1</b> | Rejected |
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Son T. Dinh

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| Cla                    | aim      | Date     |          |                 |          |  | Claim Date                                       |  |          |           |          |          |              |           |                | 1        | Claim Date |          |           |          |        |  |          |               |                |                |          |          |          |          |          |           |
|------------------------|----------|----------|----------|-----------------|----------|--|--|--|----------|-----------|----------|----------|--------------|-----------|----------------|----------|------------|----------|-----------|----------|--------|--|----------|---------------|----------------|----------------|----------|----------|----------|----------|----------|-----------|
|                        |          | $\vdash$ |          | Date Claim Date |          |  |  |  |          |           |          | 1        | ۳            |           |                |          | Т          | Ť        | 1         | <i>.</i> | $\neg$ | _  | _        |               |                |                |          |          |          |          |          |           |
| Finat                  | Original | 9/59/05  |          |                 |          |  |  |  |          |           | Final    | Original |              |           |                |          |            |          |           |          |        | Final  | Original |               |                |                |          |          |          |          |          |           |
|                        | 1        | v        |          |                 |          |  |  |  |          |           |          | 51       | Г            |           |                |          | 一          | T        | T         |          | 1      |  | 101      |               |                | $\neg$         | П        | T        | T        |          | $\neg$   |           |
|                        | 2        | v        | П        |                 |          |  | $\vdash$   | 1  |          | $\Box$    |          | 52       |              |           |                |          | 寸          | T        | 寸         |          | 1      |  | 102      |               |                | $\dashv$       | T        | T        |          | $\neg$   | $\neg$   |           |
|                        | 3        | v        | П        |                 |          | T  |  | 1  |          |           |          | 53       |              |           |                |          | 1          | T        | _         |          | 1      |  | 103      |               |                | $\dashv$       | 寸        | 寸        | T        | $\neg$   |          |           |
|                        | 4        | v        |          |                 | T        | t  | <u> </u>   | <del>                                     </del> |          |           |          | 54       |              |           |                |          | $\dashv$   | $\top$   | 十         | _        | 1      |  | 104      |               | Ħ              | 寸              | 寸        | 寸        |          | $\neg$   |          |           |
|                        | 5        | v        |          | _               |          | $\vdash$   |  | ┢  |          | $\vdash$  |          | 55       |              |           |                |          | T          | T        | ┪         | 1        | 1      |  | 105      |               |                | 寸              | 寸        | ヿ        | 寸        | 寸        | ┪        | _         |
|                        | 6        | V        | Н        |                 |          |  | -  | ┢  |          | Н         |          | 56       |              |           |                | $\dashv$ | 7          | T        | T         |          | 1      |  | 106      |               |                | $\dashv$       | ┪        | $\dashv$ | 7        | ヿ        |          |           |
| _                      | 7        | v        | П        |                 |          | _  | 1  | _  |          |           |          | 57       |              | П         |                | $\dashv$ | _          | T        | 1         |          | 1      |  | 107      |               | H              | $\dashv$       | ┪        | 一        | T        | 寸        | ┪        |           |
|                        | 8        | V        | П        |                 |          |  | T  |  |          |           |          | 58       |              | $\vdash$  |                | $\neg$   | 寸          | 十        | 寸         |          | 1      |  | 108      |               |                | 寸              | _        | 7        |          | 寸        |          |           |
|                        | 9        | v        |          |                 |          |  | <del>                                     </del> | T  | П        | $\Box$    |          | 59       |              | П         |                | 一        | T          | 1        | _         | 1        | 1      |  | 109      |               |                | _              | ┪        | $\neg$   |          | $\neg$   | $\neg$   |           |
|                        | 10       | v        | П        |                 |          | _  | $t^-$  | $\vdash$   |          |           |          | 60       |              |           |                | T        |            | T        |           |          | 1 .    |  | 110      |               |                | $\exists$      |          | $\neg$   | 1        | 寸        | $\neg$   |           |
|                        | 11       | v        |          |                 | _        | _  | Г  |  |          |           |          | 61       |              |           |                | 一        | 7          | 1        | 1         |          | 1      |  | 111      |               |                | 十              | 寸        | 一        | 1        | 寸        | $\neg$   | _         |
|                        | 12       | =        | П        |                 |          |  | T  | T-   | $\vdash$ |           |          | 62       | T            | $\Box$    | $\neg$         | 一        | $\dashv$   | $\top$   | $\top$    | 1        | 1      |  | 112      |               | $\Box$         | $\dashv$       | $\dashv$ | $\dashv$ |          | $\dashv$ | $\neg$   |           |
|                        | 13       | =        | Н        | _               |          | T  | T  | t  | П        | $\Box$    |          | 63       | Т            | Н         | Н              | 一        | _          | _        | 十         | 一        | 1      |  | 113      | $\vdash$      | $\top$         | _              | _†       | 寸        |          | 7        | $\neg$   |           |
| <b>—</b>               | 14       | ▔        | М        |                 | Т        |  |  | T  | П        |           |          | 64       | T            | _         | $\dashv$       | $\dashv$ |            | _        | 寸         | 7        | 1      |  | 114      |               |                | $\dashv$       | 7        |          | 1        | $\dashv$ |          |           |
| <b></b>                | 15       | Ξ        |          |                 |          |  |  | İ  |          | $\exists$ |          | 65       | İ            |           |                | 一        | _          | _        | _         |          | 1      |  | 115      |               |                | 寸              | 寸        |          | _        | 一        | $\neg$   |           |
|                        | 16       | =        |          |                 |          |  | T  | f  |          | $\dashv$  |          | 66       |              |           |                | _        | 1          | 十        | $\dashv$  | 1        | 1      | П  | 116      |               |                | $\dashv$       | 7        | 1        | _        | $\dashv$ |          |           |
|                        | 17       | =        | Н        |                 |          | f  | T  | 1  |          | $\dashv$  |          | 67       | $\vdash$     |           | $\dashv$       |          |            | _        | 7         | _        | 1      | $\vdash$   | 117      | т             | $\vdash$       | _              | 寸        | $\neg$   | _        | _        | _        |           |
|                        | 18       | =        |          |                 |          |  | $\vdash$   | T  | П        | $\exists$ |          | 68       | T            |           |                | $\dashv$ | $\dashv$   | $\top$   | 1         |          | 1 1    |  | 118      |               |                | 寸              | ┪        | 寸        | 寸        | ヿ        | 一        |           |
|                        | 19       | =        |          |                 |          | 1  |  |  |          | $\dashv$  |          | 69       | <u> </u>     | Н         |                |          |            | $\top$   | 7         |          | 1      |  | 119      |               | $\top$         | 寸              | 7        | 寸        | $\dashv$ | $\dashv$ | _        |           |
| _                      | 20       | =        |          |                 | _        | <del>                                     </del> |  | <u> </u>   |          | $\neg$    |          | 70       | $\vdash$     |           |                |          | _          | $\top$   | 7         |          | 1      | $\vdash$   | 120      |               |                | 十              | 寸        | ┪        | 寸        | 十        | _        |           |
|                        | 21       | =        |          |                 |          | $\vdash$   | ⇈  | ╁  | П        | $\neg$    |          | 71       | _            | М         |                |          | $\neg$     | 十        | 7         |          | 1      |  | 121      |               | $\dashv$       | _              | _        | _        | $\dashv$ | 寸        | 7        |           |
|                        | 22       | Ξ        |          |                 |          |  | $\vdash$   | ┢  | Н        |           |          | 72       |              |           |                | $\dashv$ | $\dashv$   | +        | $\top$    |          | 1      |  | 122      |               | $\dashv$       | $\dashv$       | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |           |
|                        | 23       | v        |          | _               |          | 一  | 一  | $\vdash$   | Н        | $\neg$    |          | 73       | $\vdash$     | Н         | _              | _        | +          | +        | $\dashv$  |          | 1      | $\vdash$   | 123      |               |                | $\dashv$       | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | ┪        |           |
|                        | 24       | v        |          |                 |          | ┢  | H  | ╁  | H        |           |          | 74       |              |           |                | 1        | ┪          | +        | $\dashv$  | +        | 1      |  | 124      |               |                | _              | -        | 7        | -+       | 十        | ┪        |           |
|                        | 25       | v        |          | $\neg$          |          |  |  | I  | H        | $\dashv$  |          | 75       |              |           |                | T        | $\dashv$   | $\top$   | +         | $\dashv$ | 1      |  | 125      |               |                | _              | _        | $\dashv$ | -        | $\dashv$ | $\dashv$ |           |
|                        | 26       | v        |          |                 |          | $\vdash$   |  | H  | Н        | $\dashv$  |          | 76       |              |           |                |          | $\dashv$   | +        | $\dashv$  | $\top$   | 1      |  | 126      | $\overline{}$ |                | 十              | 十        | _        | $\dashv$ | $\dashv$ | $\neg$   | -         |
|                        | 27       | v        |          | $\dashv$        | -        | <del>                                     </del> | ┪  | ├─   | _        | $\neg$    |          | 77       |              | $\vdash$  | $\neg$         |          | _          | +        | $\dashv$  | +        | 1      |  | 127      |               | +              | $\dashv$       | $\dashv$ | ┪        | $\dashv$ | 十        | $\dashv$ |           |
|                        | 28       | v        | $\vdash$ | $\neg$          |          | -  | _  | $\vdash$   | _        | $\neg$    | -        | 78       | <del> </del> | $\vdash$  | $\dashv$       | $\dashv$ | $\dashv$   | +        | $\dashv$  | $\top$   | 1      | Н  | 128      |               | $\dashv$       | $\dashv$       | 7        | _        | _        | 十        | $\dashv$ | _         |
|                        | 29       | v        |          |                 |          | -  | -  | -  |          |           |          | 79       |              |           | $\neg$         | $\neg$   | _          | ╅        | $\dashv$  | -        | 1      | Н  | 129      |               | $\top$         | $\dashv$       | 1        | $\dashv$ | $\dashv$ | $\dashv$ |          | -         |
|                        | 30       | ٧        | $\neg$   | _               |          |  | _  |  |          |           | -        | 80       | $\vdash$     | -         | -              | 一        | $\dashv$   | 十        | 十         | +        | 1      | Н  | 130      |               |                | +              | 7        | _        | 十        | -        | ᅥ        | _         |
|                        | 31       | ٧        |          | $\neg$          | _        | _  | ┢  | <del>                                     </del> |          |           |          | 81       | <b>├</b>     |           |                |          | -          | 十        | ┪         | $\top$   | 1      | Н  | 131      |               | 1              | +              | $\dashv$ | $\neg$   | 一        | 十        | -        | _         |
|                        | 32       | <b>v</b> |          |                 |          |  |  |  |          |           |          | 82       |              |           | 一              | $\neg$   | 寸          | $\top$   | 十         |          | 1      |  | 132      |               | $\dashv$       | 寸              | 寸        | 寸        | 寸        | 十        | ┪        | _         |
|                        | 33       | <b>v</b> |          |                 |          |  | <del>                                     </del> |  |          |           |          | 83       |              |           |                |          | 1          | 1        | 十         |          | 1      |  | 133      |               | $\dashv$       | Ť              | 7        | T        | $\dashv$ | 十        | 7        |           |
|                        | 34       |          | $\vdash$ | _               |          | Г  | Г  |  |          | $\dashv$  |          | 84       |              | Н         | $\dashv$       | 一        | $\dashv$   | $\top$   | $\top$    | $\top$   | 1      |  | 134      |               | $\dashv$       | $\dashv$       | $\dashv$ | 7        | 寸        | $\dashv$ |          | 7         |
|                        | 35       |          |          | $\neg$          |          | Г  |  | Г  | П        |           |          | 85       |              | $\exists$ | _              | _        | _          | $\top$   | $\top$    |          | 1      |  | 135      | $\Box$        | $\dashv$       | 十              | -        |          | _        | 十        | 1        |           |
|                        | 36       |          |          |                 |          |  | <u> </u>   | Г  |          | $\neg$    |          | 86       |              | $\vdash$  | 一              | T        | $\dashv$   | $\top$   | $\top$    | 1        | 1      |  | 136      |               | $\neg \dagger$ | $\neg \dagger$ | $\dashv$ | $\dashv$ |          | $\dashv$ | ┪        |           |
|                        | 37       | -        |          | $\neg$          |          | Т  | <del>                                     </del> | Г  | Н        | $\neg$    |          | 87       |              |           | $\dashv$       | 7        | $\dashv$   | $\top$   | +         | +        | 1      |  | 137      | $\vdash$      |                | 1              | $\dashv$ | T        | T        | $\dashv$ | ┪        |           |
|                        | 38       |          |          | $\neg$          |          |  | $\vdash$   | $\vdash$   | $\vdash$ | $\dashv$  |          | 88       |              | $\vdash$  | $\dashv$       | +        | $\dashv$   | +        | $\dagger$ | $\top$   | 1      |  | 138      |               | $\neg +$       | $\dashv$       | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -        | -         |
|                        | 39       |          | $\vdash$ | $\neg$          | $\vdash$ |  | $\vdash$   |  |          | $\neg$    |          | 89       |              |           | 一              | $\dashv$ | $\dashv$   | +        | +         | $\vdash$ | 1 .    |  | 139      | $\dashv$      | 十              | $\dashv$       | 寸        | $\dashv$ | $\dashv$ | $\dashv$ | ᅥ        | ᅥ         |
| $\vdash$               | 40       | П        |          | $\dashv$        | $\vdash$ |  | T  | $\vdash$   | H        | $\dashv$  |          | 90       |              |           | $\neg \dagger$ | +        | $\dashv$   | +        | $\dagger$ | $\top$   | 1 1    | $\vdash \vdash \vdash$                           | 140      | $\dashv$      | +              | 十              | +        | $\dashv$ | -+       | $\dashv$ | $\dashv$ | $\exists$ |
| $\vdash \vdash \vdash$ | 41       |          |          | $\dashv$        | $\vdash$ |  |  |  | $\vdash$ | $\dashv$  |          | 91       |              |           | _              | +        | $\dashv$   | +        | $\dagger$ | $\top$   | 1      |  | 141      | $\dashv$      | $\dashv$       | $\dashv$       | +        | $\dashv$ | $\dashv$ | +        | ᅱ        | $\dashv$  |
| $\vdash$               | 42       | $\vdash$ | $\dashv$ | $\dashv$        | $\vdash$ | $\vdash$   |  | $\vdash$   |          | $\dashv$  | <b>—</b> | 92       | $\vdash$     |           | -              | -        | $\dashv$   | $\dashv$ | +         | +        | 1      |  | 142      | -             | +              | +              | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  |
| $\vdash \vdash$        | 43       | $\vdash$ | $\dashv$ | $\dashv$        | =        |  | $\vdash$   | $\vdash$   |          | $\dashv$  |          | 93       | $\vdash$     |           | $\dashv$       | $\dashv$ | $\dashv$   | +        | +         | +        | 1      | <del>                                     </del> | 143      | $\dashv$      | +              | +              | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | ᅥ        | $\dashv$  |
| $\vdash$               | 44       | -        | $\dashv$ |                 | $\dashv$ |  |  | $\vdash$   | $\dashv$ | $\dashv$  |          | 94       | $\vdash$     |           | -              | $\dashv$ | +          | +        | +         | +        | 1      | ┝╼┤  | 144      | $\dashv$      | $\dashv$       | $\dashv$       | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | ᅱ        | $\dashv$  |
| $\vdash$               | 45       |          | $\dashv$ |                 | $\dashv$ |  |  | H  | $\vdash$ | $\dashv$  | <b>—</b> | 95       | $\vdash$     |           | +              | +        | +          | +        | $^{+}$    | +        | 1      | ├  | 145      | $\dashv$      | +              | $\dashv$       | $\dashv$ | $\dashv$ | -+       | $\dashv$ | ┥        | $\dashv$  |
| <b> </b>               | 46       |          | H        |                 | $\neg$   | -  | -  | H  |          | $\dashv$  |          | 96       |              | $\dashv$  | $\dashv$       | $\dashv$ | $\dashv$   | +        | +         |          | 1      | $\vdash \vdash \vdash$                           | 146      | $\dashv$      | $\dashv$       | $\dashv$       | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | 1        | $\dashv$  |
|                        | 47       | $\dashv$ | $\dashv$ |                 | $\dashv$ |  | <del>                                     </del> | $\vdash$   | $\dashv$ | $\dashv$  |          | 97       |              | $\dashv$  | +              | +        | +          | +        | +         | $\dashv$ | 1 1    |  | 147      |               | $\dashv$       | +              | $\dashv$ | $\dashv$ | $\dashv$ | +        | $\dashv$ | $\dashv$  |
| $\vdash$               | 48       | -        | $\dashv$ | $\dashv$        | -        | H  |  | $\vdash$   | $\vdash$ |           | 1        | 98       | $\vdash$     | $\dashv$  | $\dashv$       | $\dashv$ | +          | +        | +         | +        | 1      | ├─┤  | 148      | -             | +              | +              | $\dashv$ | $\dashv$ | $\dashv$ | +        | $\dashv$ | $\dashv$  |
|                        | 49       | $\vdash$ | $\dashv$ | $\dashv$        | $\dashv$ |  |  | Н  |          | $\dashv$  | <u> </u> | 99       | $\dashv$     | -         | $\dashv$       | 7        | $\dashv$   | +        | +         | +        | 1      | $\vdash$   | 149      |               | +              | $\dashv$       | $\dashv$ | $\dashv$ | $\dashv$ | +        | $\dashv$ | $\dashv$  |
| $\vdash$               | 50       | $\dashv$ | $\dashv$ | $\dashv$        | $\dashv$ |  |  | H  | +        | $\dashv$  |          | 100      | $\dashv$     | $\dashv$  | $\dashv$       | +        | $\dashv$   | +        | +         | +        | 1      | $\vdash$   | 150      | -             | -              | $\dashv$       | $\dashv$ | $\dashv$ | $\dashv$ | +        | $\dashv$ | $\dashv$  |
|                        | 00       |          |          |                 |          | ш  | Ц_   | ш  |          |           |          | . 50     |              |           |                |          |            |          |           |          | ان     |  | 130      | 1             | L              |                |          |          |          | _        |          |           |